

Title (en)  
Method and system for controlling motor

Title (de)  
Verfahren und System zur Motorsteuerung

Title (fr)  
Procédé et système pour contrôler un moteur

Publication  
**EP 2765017 A1 20140813 (EN)**

Application  
**EP 14153585 A 20140203**

Priority  
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Abstract (en)  
A method for controlling a motor (30) to enable drive assist of an engine (60) with a high torque in a low rotation speed range as well as synchronized driving in a high rotation speed range. The method includes controlling a motor (30) connected to a low voltage battery (20). The motor (30) has a reluctance torque higher than a magnetic torque at a time of a highest torque generation. The motor (30) includes a rotor (31) connected to an output shaft (61) of an engine (60).

IPC 8 full level  
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Citation (applicant)  
JP 2001339804 A 20011207 - MATSUSHITA ELECTRIC IND CO LTD

Citation (search report)  
• [X] US 4335429 A 19820615 - KAWAKATSU SHIRO  
• [X] US 2002179047 A1 20021205 - HOANG TONY T [US], et al  
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• [A] US 2004046519 A1 20040311 - LEONARDI FRANCO [US], et al  
• [A] EP 2112015 A1 20091028 - TOYOTA MOTOR CO LTD [JP], et al

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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**EP 2765017 A1 20140813**; **EP 2765017 B1 20181024**; CN 103963779 A 20140806; CN 103963779 B 20190913; US 2014217933 A1 20140807; US 9246419 B2 20160126

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